

What is Claimed is:

1 1. Four-hinged wiper arm for a windshield wiper system, especially
2 for an automobile, wherein a connecting rod (1) is connected to a driving arm (4) at a
3 first bearing point (2) and to a control arm (5) at a second bearing point (3), so that it can
4 pivot, a hinged part (7) is coupled to the connecting rod (1), and a wiper blade that can
5 be placed on the hinged part or on a wiper rod (8) connected to the hinged part can be
6 pressed against the windshield to be wiped by a spring element that is mounted on the
7 four-hinged wiper arm, characterized in that the connecting rod (1) or the driving arm (4)
8 or the control arm (5) is provided with a rolling-contact bearing (9) in at least one of the
9 two bearing points (2, 3) of the four-hinged wiper arm.

1 2. Four-hinged wiper arm according to Claim 1, characterized in that
2 at least one of the rolling-contact bearings (9) is a deep groove ball bearing (11).

1 3. Four-hinged wiper arm according to at least one of the preceding
2 claims, characterized in that the outer ring of the at least one rolling-contact bearing (9,
3 11) is axially secured and held, preferably pressed, so that it does not rotate in one recess
4 (10) of the connecting rod (1), whereas a bolt (12) attached to the driving arm (4) or to
5 the control arm (5) is fitted into the inner ring of the rolling-contact bearing and is axially
6 secured and held so that it does not rotate.

1 4. Four-hinged wiper arm according to one of the preceding claims,
2 characterized in that the driving arm (4) and the control arm (5) are made of sheet metal,
3 preferably as stamped parts.

1 5. Four-hinged wiper arm according to at least one of the preceding
2 claims, characterized in that the bolt used on the at least one bearing point (2, 3) is a
3 riveted bolt (12).

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4 6. Four-hinged wiper arm according to Claim 5, characterized in that
5 the riveted bolt (12), is secured, on one hand, by wobble riveting in a passage (13) of the
6 driving arm (4) or control arm (5), and on the other hand by wobble riveting at the inner
7 ring of the rolling-contact bearing (9, 11).

1 7. Four-hinged wiper arm according to Claim G, characterized in that
2 the riveted bolt (12) has a radially protruding flange (14) in its middle region, with one
3 side that rests against the driving arm (4) or control arm (5) and the other side rests
4 against the front surface of the inner ring of the rolling-contact bearing (9, 11).

1 8. Four-hinged wiper arm according to at least one of the preceding
2 claims, characterized in that it is equipped with a rolling-contact bearing (9), preferably
3 with a deep groove ball bearing (11), both at the first bearing point (2) between the
4 connecting rod (1) and the driving arm (4), and also at the second bearing point (3)
5 between the connecting rod (1) and the control rod (5).

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Add.
A4

Add.
A2